Quality Control

Work Order ID 110142  December-17-13 9:16:02 AM					Page 1							
<b>Revision ID:</b>	3650-1 ft Panel			Accept	*N900	<b>1</b> 040	100	<b>)*</b> s	Setup Sta	1.7	S1* S2*	
Start Date: 12 Required Date: 12 Reference:		tart Qty: 1.00 eq'd Qty: 1.00	*1* *1*		Cust Item Customer						. ,,	
Approvals: P		MLS		Tooling: SPC (Y/N):		Date:		F	Run Sta Sto	~1/J	R1* R2*	
Sequence ID/ Work Center ID		peration escription		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	**
Draw Nbr	Revisio	n Nbr					•					
D3650	Rev E											
100 <b>*1 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</b>	FL	OW WATER JET  Memo		0.00				<u> </u>	_ 0		DAS <b>23</b> 9-89	 
FLOW CNC Waterjet		1-Cut as per Deburr if ne	Dwg D3650 Dwg Rev: cessary	E Prog Rev: E	2-							
*110 *110*	QC	C2- Inspect parts off m	achine FAI/FAIB	0.00					O		DAS <b>23</b> 9-89	14-09-9
QC Quality Control		Мето		0.00		. •		to .				
120	QC	C8- Inspect parts - seco	and check	0.00							DAS <b>38</b> /	v 0 0
*120*		Memo		0.00				-			9-89	<u>4</u> -7-7

Memo

Work Order ID 110142  December-17-13 9:16:02 AM					10.00		Page	2				
Item ID: Revision ID: Item Name:	D3650-1 Aft Panel			Accept	*N900	<u>0</u> 40	1100	)* ፡	Setup Sta	17	S1*	······································
Start Date: Required Date Reference:	12/17/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item :					×N	S2*	
Approvals:	Process P QC:	lan:	_ Date:	Tooling: _ SPC (Y/N):		ate:		F	Run Sta Sto	^  \]	R1*	
Sequence ID/ Work Center I	D	Operation Description NC BRAKE		Set Up/ Run Hours 0.00	Tool ID	Tool #	Code DAS	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	
*120* Brake NC		Memo Form as per	Dwg D3650	0.00			30 9-89			_		
140 *1 <i>4</i> <b>∩</b> *		QC5- Inspect part compl	leteness to step on W/O	0.00				1			DAS <b>38</b> 9-89	y-9-23
QC Quality Control		Memo		0.00								_9 ( )
150				0.00							. /	

0.00

E

Small Fab

Memo

Assemble as per dwg D3650

\*150\* Small Fab

Small Fab

Work Order ID 110142 \*110142\* Page 3 December-17-13 9:16:02 AM Item ID: D3650-1 Accept \*N900040100\* Setup Start **Revision ID:** Stop Item Name Aft Panel \*1\* Start Date: 12/17/13 Start Oty: 1.00 Cust Item ID: Required Date: 12/17/13 Rea'd Otv: 1.00 \*1\* **Customer:** Reference: Start Run Process Plan: Tooling: Date: **Approvals:** Date: Stop Date: SPC (Y/N): Date: Reject Sequence ID/ Reject Operation Tool ID Tool # Plan Set Up/ Accept Insp. Otv Stamp Work Center ID **Qty** Number Description Run Hours Code DAS 160 QC5- Inspect part completeness to step on W/O 0.00 38 \*160\* 0.00 Memo **Ouality Control** Identify as per dwg & Stock Location: 57323A 0.00 170 14/2/20(1) \*170\* Packaging 0.00 Memo Packaging

0.00

0.00

180

OC

\*120\*

Quality Control

QC21- Final Inspection - Work Order Release

Memo

. . . .

Mry 9.26

Required Date: 12/17/13

Required Qty: 1.00

**Start Date:** 12/17/13

Start Qty: 1.00

Work Order ID:

110142

Parent Item:

D3650-1

Parent Item Name:

Aft Panel

Comments:	IPP Rev:A New I IPP Rev:B ECN 1 IPP Rev:C ecn110	1113P 08-01-22	DD v	rified by: Ee erified by: EC erified by: EC	C								
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status DAS
M304S26GA		Purchased	No			150	sf	278.7400	1.583	(2)			9-8914-09-
304/316 0.018 SHEET						• 0.	_						11
				<b>Location</b>		Loc Oty	Lo	oc Code					
				MAT020	7700	278.74				<del></del>			
					7798 2753	69.28 89.46						1	
					3135	120			123	135 ·		/ /	DAS
MS20427M3-3 Rivet		Purchased	No			150	Each	1,041.0000	, -	18	<i>i</i> 41	09/23	DAS 36 9-89
				Location		Loc Oty	Lo	oc Code			70	7 7 -	
				GA		44					11.	20-	
				12	1114	44					- P   1	<b>478</b> 6	54 (18x)
				ST335		997			-			, 0	
				124	4231	997						/ /	DAS
MS21060-3K Nut Plate		Purchased	No			150	Each	117.0000	6	6	Nf/	09/23	DAS 36 9-89
				Location		Loc Qty	Lo	oc Code			$\iota$	/	
				GA		6					•		
				124	1486	6							
				ST316		111					$M_1$	700	12
					3168	4					111	d/	12
					1291	7			4				\
				<sub>.</sub> m1	26826	100				<del></del>		(6×	

## **Picklist Print**

December-17-13 9:16:01 AM

Page 2

Work Order ID:

110142

Parent Item:

D3650-1

**Parent Item Name:** 

Aft Panel

MS21062-3K

Nut Plate

Purchased

No

**Start Date:** 12/17/13

Each

100

Required Date: 12/17/13

Start Qty: 1.00

Required Qty: 1.00

3

DAS 36 9-89

Location Loc Oty GA 42 124316 42 ST317 100

124329

100

Loc Code

142.0000

DQA:		Date:					-					٦	A DT
•					WORK ORDER NON	-C(	ONFO	RMANCE / U	PDATE				A E R O S P A C E
QA Closed:		Date:							V	Vork Order up	odate only		
Work Order:			DISPOSITION	AGAINST DEPARTMENT/PROCESS									
Part N					Rework Scrap			Skid-tube Machining	Crosstube Small Fab		Water Jet d. Eng. Coor.		Engineering Quality
NCR No.				Use-as-is Suspected Unapproved		Therr	noforming Large Fab	Finishing Composite					
Root				Desc	ription of work order update		Initial	Act	tion	Sign &			
Cause	Date	Step	Qty		or non-conformance	Ct	nief Eng	Desc	ription	Date	Verification	n	QC Inspector
Design													
Doc/Data		,			•					ľ			
Equip/Tooling													
Handling/Pre													
Material												Ī	
Operator												-	
Offset/Setup													
Process												ľ	
Supplier													•
Training												- 1	•
Transport												- 1	
Unapproved													
						FA	ULT CAT	regory					
Landir	ng Gear				General	_	1						
	Bendin	•		.	Bend	<u> </u>	1	rogram	L	Outside Dim	ensions		Pressure/Forced
,	_	Not Conce	ntric		BOM/Route	<u> </u>	Grain			Over/Under	tolerance		Set-up
	Cracks				Broken/Damage/Defect		Hardwa			Part Incorred	ct	╝	Temperature/Cure
Crimp/Kink/Ripple/Wave				Burrs		1	ion Incomplete/U	·	Part Lost/Mi	ssing		Weld	
			Contamination		4 .	ions Incomplete/l	Unclear	Part Moved	Į	'	Wrong Stock Pulled		
Crushing			<u> </u>	Countersink			ned/off center	· [_	Positioned V			<i>:</i>	
	Heat Tr			1_	Cut Too Short	_	Mislabe			Power Loss/	Surge		Other
		ion Strip in	Tube	<u> </u>	Drawing		Misread	i .					
	Marks/				Drill Holes	<u> </u>	Off-set						
٠ .		Sequence			Finish		4	Calibration					
	IWave/1	wist in Tub	ne .		Fit/Function	l	Dut of s	Somionce					

H:/FORMS/Quality Assurance\approved QA/NCRWO RevH

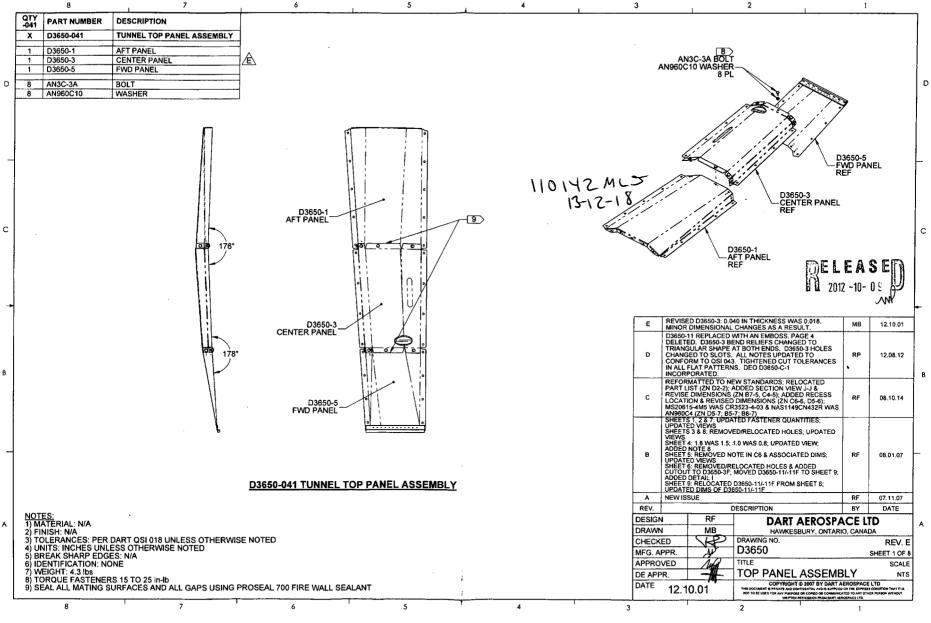
DART AEROSPACE LTD	Work Order:	110142
Description: Aft Panel	Part Number:	D3650-1
-11		
Inspection Dwg: D3650 Rev: ま モンパ		Page 1 of 1

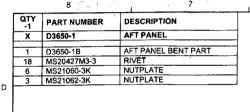
## FIRST ARTICLE INSPECTION CHECKLIST

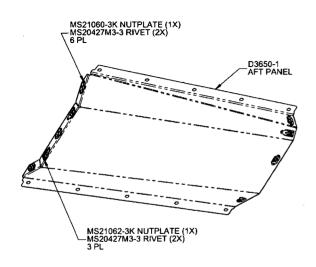
Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension	Tolerance	Dimension	Accept	Reject	Inspection	
Ø0.098	+0.004/-0.001	0.099"	-		V	Jemo;
Ø0.213	+0.005/-0.001	0.214"			V	
Ø0.250	+0.005/-0.001	0.2-51			ν	
0.25	+/-0.030	0,2-56	-		V	
0.344	+/-0.010	0.346	-		V	
0.35	+/-0.030	0.35	-		V	
0.312	+/-0.010	0.312"	-		<b>✓</b>	
16.611	+/-0.010	16.611"	_		Т	JEMO7
15.800	+/-0.010	76.800			T	
3.950	+/-0.010	3.950	_		V	
2.019	+/-0.010	2.019"	~		υ	
4.026	+/-0.010	4.026	-		V	
6.126	+/-0.010	(0.126)	_		V	
8.226	+/-0.010	8.32c			V	Jimos.
10.313	+/-0.010	10.33"	_		V	
12.252	+/-0.010	12.752"			T	
17.583	+/-0.010	া হগ্র	-		T	
16.646	+/-0.010	16.846"	_		T	
2.256	+/-0.010	2256	-		V	
7.183	+/-0.010	7-183	-		V	
9.551	+/-0.010	9.551"	_		V	
10.665	+/-0.010	10.605	^		V	
12.020	+/-0.010	12.000			T	
0.018	+/-0.010	0.019			<b>✓</b>	
	DAS		DAS			

	_,		O, 10		
Measured by:	<b>23</b> 9-89	Audited by:	<b>38</b> 9-89	Preliminary Approval:	
Date:	14-09-9.	Date:	14-9-9	Date:	

Rev	Date	Change	Revised by	Approved
Α	08.07.24	New Issue	KJ/DD	
В	09.06.15	Dimensions updated per Dwg Rev C	KJ , A	11
С	12.09.26	Dimensions updated per Dwg Rev D	KJ 94	C/W/
	·			







D3650-1 AFT PANEL

8.71 10.30 0.86 1.21 0.80 R0.06 TYP

0.62

TYP

5.69 11.53

9.98

D3650-1B	AFT	PANFI	RENT	PART
D3030-1D	$\Delta \Gamma \Gamma$		DEIL	L VIVI

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. REV. E D3650 SHEET 2 OF 8 TITLE SCALE TOP PANEL ASSEMBLY NTS COPYRIGHT © 2007 BY DART AEROSPACE LTD
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NOT TO BE USED FOR ANY PURPOSE OR DOPED OR COMMANICATED TO MY OTHER POSE. 12.10.01

NOTES:		
1) MATERIAL: MA	KE FROM	D3650-1F

1) MATERIAL, MARE PROVIDED SOUTH 2) FINISH: NONE 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 3) UNITS: INCHES UNLESS OTHERWISE NOTED 4) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

5) IDENTIFICATION: NONE 6) WEIGHT: 1.3 lbs

3

DESIGN

DRAWN

CHECKED

MFG. APPR.

APPROVED

DE APPR.

DATE

1.27

R0.06

17.01

R0.06

TYP

1.27

